

**TRANSLATION****PATENT COOPERATION TREATY****PCT****INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>de042426</b>	<b>FOR FURTHER ACTION</b>	See Form PCT/IPEA/416
International application No. <b>PCT/DE2004/002426</b>	International filing date ( <i>day/month/year</i> ) <b>03.11.2004</b>	Priority date ( <i>day/month/year</i> ) <b>03.11.2003</b>
International Patent Classification (IPC) or national classification and IPC <b>E04G19/00</b>		
Applicant <b>PERI GMBH</b>		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of <u>5</u> sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising: a. <input checked="" type="checkbox"/> ( <i>sent to the applicant and to the International Bureau</i> ) a total of <u>8</u> sheets, as follows: <input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. b. <input type="checkbox"/> ( <i>sent to the International Bureau only</i> ) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).
4. This report contains indications relating to the following items: <input checked="" type="checkbox"/> Box No. I Basis of the report <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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## Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-27 \_\_\_\_\_ as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- nos. \_\_\_\_\_ as originally filed/furnished
- nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19
- nos.\* 1-17 \_\_\_\_\_ received by this Authority on 01.09.2005 with telefax
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- sheets 1/4-4/4 \_\_\_\_\_ as originally filed/furnished
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1.	Statement		
	Novelty (N)	Claims <u>1-17</u>	YES
		Claims <u></u>	NO
	Inventive step (IS)	Claims <u>1-17</u>	YES
		Claims <u></u>	NO
	Industrial applicability (IA)	Claims <u>1-17</u>	YES
		Claims <u></u>	NO
2.	Citations and explanations (Rule 70.7)		
1.1	Document D1 discloses (the references between parentheses relate to D1) :		
	D1: DE 17 59 904 A1		
	D2: FR 1 216 442 A.		
2	INDEPENDENT CLAIM 1		
2.1	Document D1 is considered the prior art closest to the subject matter of claim 1. It discloses (the references between parentheses relate to D1) a formwork table of a concrete formwork for the manufacture of a concrete ceiling (see the title),		
i.	having at least one front and one rear mounting 33 for fastening at least one front and at least one rear strand of a crane harness 37 (see page 7, lines 1-4),		
ii.	wherein when the formwork table (see figure 1) has been removed and retracted and is still only just positioned under the recently hardened concrete ceiling, the mountings for fastening the harness strands are accessible (see figure 1, even though the cables 35 are secured to the rear eyes only		

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	<p>after the formwork table has been moved out from under the concrete ceiling a short distance, the eyes are accessible even in the retracted state).</p> <p>2.2 The subject matter of claim 1 therefore differs from the known formwork table in that</p> <p>iii. at least one mounting is in the form of a bollard which can be moved out of a formwork skin of the formwork table in the direction of the concrete ceiling, and in that</p> <p>iv. the bollard has a narrowed or thickened area near the end facing the concrete ceiling.</p> <p>Consequently, the subject matter of claim 1 is novel (PCT Article 33(2)).</p> <p>3. The problem to be solved by the present invention is therefore understood to be that of providing a simple and secure way of securing a crane harness, in particular if below the formwork table there is only little room for securing a crane harness. This is the case when the formwork table is to be lowered only slightly relative to a recently completed concrete ceiling. A bollard which can be guided out of the formwork shell of the formwork table and which has a narrowing or thickening is not known from or suggested by the available prior art. A detent of a shifting device can be pulled over the bollard and by a recess reach under the thickening or grasp the narrowing. In this way the formwork is securely attached.</p>

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	<p>4. The solution to the above problem, as proposed in claim 1 of the present application, therefore involves an inventive step (PCT Article 33(3)).</p> <p>5. INDEPENDENT CLAIM 6 AND METHOD CLAIMS</p> <p>5.1 Claim 6 concerns a device for shifting a formwork table, wherein the device has a detent provided with a recess, which can interact with a narrowing or thickening in the bollard. A device of this kind is not known from or suggested by the available prior art. Consequently, the subject matter of claim 6 involves an inventive step (PCT Article 33(3)).</p> <p>6. Claims 15 and 16 relate to methods for shifting a formwork table according to claim 1 and likewise meet the PCT requirements for novelty and inventive step.</p>